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Publications of the
DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

Letter
Circular
LC 31

(November 22, 1921)

Information Section
Bureau of Standards, Washington

# PUBLICATIONS RELATING TO HEAT

(The publications not starred may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D. C., at the prices stated. Those marked with a star are out of print, but may be consulted at leading libraries.)

## Scientific Papers

| Number | Title | Price |
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| S 13 | The testing of clinical thermometers (1905) . . . . . . . | 15¢ |
| *S 24 | Radiation from platinum at high temperatures (1906) . . | 5¢ |
| S 32 | Heat treatment of high temperature mercurial thermometer (1906) . . . . . . . . . . . . . . . . . . . . | 10¢ |
| S 40 | Preliminary measurements on temperature and selective radiation of incandescent lamps (1906) . . . . . . . . | 5¢ |
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| S 57 | On the establishment of the thermodynamic scale of temperature by means of the constant-pressure gas thermometer (1907) . . . . . . . . . . . . . . . . . . . . . | 15¢ |
| *S 62 | Melting points of the iron-group elements by a new radiation method (1907) . . . . . . . . . . . . . . . . | 10¢ |
| *S 68 | Calorimetric resistance thermometers and the transition temperature of sodium sulphate (1907) . . . . . . . . . | 5¢ |

| Number | Title | Price |
|---|---|---|
| S 69 | On the standard scale of temperature in the interval 0° to 100° (1907) | 20¢ |
| S 85 | Instruments and methods used in radiometry (1907) | 15¢ |
| S 105 | Radiation constants of metals (1908) | 10¢ |
| S 120 | The thermoelectric properties of tantalum and tungsten (1909) | 5¢ |
| S 123 | The theory of the Hampson liquefier (1909) | 5¢ |
| S 124 | Platinum resistance thermometry at high temperatures (1909) | 10¢ |
| S 135 | Specific heat of some calcium chloride solutions between -35°C and +20°C (1909) | 10¢ |
| S 136 | On the definition of the ideal gas (1909) | 5¢ |
| *S 143 | Note on the temperature scale between 100 and 500°C (1910) | 5¢ |
| S 149 | On the constancy of the sulphur boiling point (1910) | 5¢ |
| S 152 | The reflecting power of various metals (1911) | 10¢ |
| *S 156 | Selective radiation from various substances. III. (1910) | 10¢ |
| S 162 | On the computation of the constant $c_2$ of Planck's equation by an extension of Paschen's method of equal ordinates (1911) | 5¢ |
| S 167 | The steam-turbine expansion line of the Mollier diagram and a short method of finding the reheat factor (1911) | 10¢ |
| S 170 | The correction for "emergent stem" of the mercurial thermometer (1911) | 5¢ |
| S 180 | On the deduction of Wien's displacement law (1911) | 5¢ |
| S 185 | Thermometric lag (1913) | 10¢ |
| S 188 | Instruments and methods used in radiometry--II (1911) | 10¢ |
| S 198 | A micropyrometer (1912) | 5¢ |

| Number | Title | Price |
|---|---|---|
| S 200 | New calorimetric resistance thermometers (1913) | 5¢ |
| S 202 | Note on cold-junction corrections for thermocouples (1913) | 5¢ |
| S 204 | The constants of spectral radiation of a uniformly heated enclosure or so-called black body, Part I (1913) | 10¢ |
| S 205 | Melting points of the refractory elements. I. Elements of atomic weight from 48 to 51 (1913) | 5¢ |
| S 209 | Latent heat of fusion of ice (1913) | 10¢ |
| *S 212 | Melting points of some refractory oxides (1913) | 5¢ |
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| S 224 | The emissivity of metals and oxides. I. Nickel oxide (NiO) in the range 600 to 1300°C (1914) | 10¢ |
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| S 241 | A Wheatstone bridge for resistance thermometry (1914) | 20¢ |
| S 242 | The emissivity of metals and oxides. II. Measurements with a micropyrometer (1914) | 5¢ |
| *S 243 | The emissivity of metals and oxides. III. The total emissivity of platinum and the relation between total emissivity and resistivity (1915) | 5¢ |
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| Number | Title | Price |
|---|---|---|
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| S 249 | The emissivity of metals and oxides. IV. Iron oxide (1915) . . . . . . . . . . . . . . . . . . . . . . . . . . | 5¢ |
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| S 304 | Calculations of constants of Planck's radiation equation: Application of theory of least squares (1917) . . . . . | 5¢ |
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| Number | Title | Price |
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## Technologic Papers

| Number | Title | Price |
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| T 10 | The melting points of fire brick (1912) . . . . . . . . . | 5¢ |
| T 36 | Industrial gas calorimetry (1914) . . . . . . . . . . . . | 40¢ |
| T 49 | Emergent-stem correction for thermometers in creosote-oil distillation flasks (1915) . . . . . . . . . . . . . . . | 10¢ |
| T 91 | Temperature measurements in Bessemer and open-hearth practice (1917) . . . . . . . . . . . . . . . . . . . . | 5¢ |
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| T 184 | Fire tests of building columns (1921) . . . . . . . . . . | 75¢ |

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| C 5 | Testing of clinical thermometers . . . . . . . . . . . . | 5¢ |
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| C 55 | Measurements for the household . . . . . . . . . . . . . | 15¢ |
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